

Date: Tue, 3 May 94 15:50:33 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #483  
To: Info-Hams

Info-Hams Digest                      Tue, 3 May 94                      Volume 94 : Issue 483

Today's Topics:

Amateur Radio NudeNet  
ARRL address (4 msgs)  
Daily Summary of Solar Geophysical Activity for 02 May  
FD Logging Software.  
IPS Daily Report - 02 May 94  
MultiBand Quads-Which One?  
New FCC amateur radio licenses (2 msgs)  
RAC SPECIAL NEWS BULLETIN  
Radio Mods via FTP  
TV channel frequencies  
Vertical Antenna Recommendations?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----  
Date: Mon, 2 May 1994 11:16:20 -0600  
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!howland.reston.ans.net!math.ohio-  
state.edu!cyber2.cyberstore.ca!nntp.cs.ubc.ca!alberta!ve6mgs!  
usenet@network.ucsd.edu  
Subject: Amateur Radio NudeNet  
To: info-hams@ucsd.edu

NudeNet is a radio net for radio amateurs that are also nudists and  
naturists. We meet each Thursday evening at 0000Z on or near  
14.265MHz depending on QRM.

Most times, there are 10-20 check-ins. If you're a nudist,

a naturist, or just curious about clothing-optional recreation,  
please check-in.

Discussions on NudeNet cover a wide range of topics but mostly  
center around topics related to nude recreation, such as nude  
beaches, nudist resorts, hot springs, nude hiking, etc.

Additionally, most of the regular participants are able to  
provide information about clothing-optional recreation opportunities  
in many areas of North America (or the world for that matter).  
A quarterly newsletter is also slated to begin publication shortly.

We announce "current events" on an electronic mailing list.  
If you'd like to be added to this mailing list, please send email to

ben@yosemite.sps.mot.com

Include a short note telling us something about yourself that can be  
used as a first post. This serves as your introduction to the group.

For additional information, contact Jim via email at:

jimc@megatek.com

or via snailmail:

Jim Campbell  
Amateur Radio Sig  
P.O. Box 232445  
Encinitas, Ca. 92023-2445

73,  
-jim

--

Jim Campbell		"Remember to tweet!"
jimc@megatek.com		Is it my imagination, or am
WB6ZPB NSS#36691 ASA TNS		I just imagining things?

-----  
Date: 3 May 1994 00:26:10 -0400  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!europa.eng.gtefsd.com!  
news.ans.net!hp81.prod.aol.net!search01.news.aol.com!not-for-mail@network.ucsd.edu  
Subject: ARRL address  
To: info-hams@ucsd.edu

In article <2q2ui1\$201@meaddata.meaddata.com>, robertp@meaddata.com (Robert Penrod) writes:

Try ARRL, 225 Main St., Newington, CT 06411

-----  
Date: 3 May 94 14:39:18 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!msuinfo!cravitma@ucbvax.berkeley.edu  
Subject: ARRL address  
To: info-hams@ucsd.edu

On 3 May 1994 00:26:10 -0400, strange alien beings caused Jim W9WU (jimw9wu@aol.com) to write:  
> In article <2q2ui1\$201@meaddata.meaddata.com>, robertp@meaddata.com (Robert  
> Penrod) writes:

> Try ARRL, 225 Main St., Newington, CT 06411

Also, their phone # is (203) 666-1541. For info about getting the ticket, you would want to talk to the Educational Activities Department. I have dealt with both Rosalie White and Tracey Bedlack(?) in the EAD, and they are both very nice people. Good luck!

/MC

--  
Matthew Cravit, N9VWG | All opinions expressed here are  
Michigan State University | my own. I don't speak for MSU  
E-Mail: cravitma@cps.msu.ed | and they don't speak for me.  
PGP public key available from <http://web.cps.msu.edu/~cravitma>

-----  
Date: 3 May 94 19:00:19 GMT  
From: agate!howland.reston.ans.net!noc.near.net!info-server.bbn.com!news!levin@ucbvax.berkeley.edu  
Subject: ARRL address  
To: info-hams@ucsd.edu

In article <2q4jp2\$if9@search01.news.aol.com> jimw9wu@aol.com (Jim W9WU) writes:  
Try ARRL, 225 Main St., Newington, CT 06411

Try 06111.

/JBL

Date: 3 May 94 19:03:55 GMT  
From: agate!howland.reston.ans.net!math.ohio-state.edu!cs.utexas.edu!  
gerald@cc.utexas.edu!astro.as.utexas.edu!oo7@ucbvax.berkeley.edu  
Subject: ARRL address  
To: info-hams@ucsd.edu

jimw9wu@aol.com (Jim W9WU) says:

>Try ARRL, 225 Main St., Newington, CT 06411

I've always had better service using 06111, which is  
the correct ZIP code, unless they moved recently.

Real Hams have this address memorized!

Derek Wills (AA5BT, G3NMX)  
Department of Astronomy, University of Texas,  
Austin TX 78712. (512-471-1392)  
oo7@astro.as.utexas.edu

-----  
Date: Mon, 2 May 1994 21:01:29 MDT  
From: ihnp4.ucsd.edu!library.ucla.edu!psgrain!nntp.cs.ubc.ca!alberta!ve6mgs!  
usenet@network.ucsd.edu  
Subject: Daily Summary of Solar Geophysical Activity for 02 May  
To: info-hams@ucsd.edu

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DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

02 MAY, 1994

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(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 02 MAY, 1994

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!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 122, 05/02/94  
10.7 FLUX=075.9 90-AVG=089 SSN=075 BKI=5553 2335 BAI=030  
BGND-XRAY=A1.8 FLU1=6.0E+04 FLU10=1.2E+04 PKI=5654 4346 PAI=042  
BOU-DEV=092,109,082,038,017,025,028,083 DEV-AVG=059 NT SWF=00:000

XRAY-MAX= A5.7 @ 0755UT XRAY-MIN= A1.0 @ 2132UT XRAY-AVG= A2.7  
 NEUTN-MAX= +002% @ 2210UT NEUTN-MIN= -002% @ 2240UT NEUTN-AVG= -0.3%  
 PCA-MAX= +0.2DB @ 2245UT PCA-MIN= -0.2DB @ 1940UT PCA-AVG= +0.0DB  
 BOUTF-MAX=55370NT @ 0002UT BOUTF-MIN=55300NT @ 1656UT BOUTF-AVG=55330NT  
 GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+077,+000,+000  
 GOES6-MAX=P:+144NT@ 1749UT GOES6-MIN=N:-150NT@ 0441UT G6-AVG=+096,+038,-056  
 FLUXFCST=STD:080,080,080;SESC:080,080,080 BAI/PAI-FCST=020,015,010/035,025,020  
 KFCST=4434 4111 2214 4112 27DAY-AP=031,043 27DAY-KP=4455 4435 5566 5544  
 WARNINGS=\*GSTRM;\*AURMIDWRN  
 ALERTS==\*MINSTRM  
 !!END-DATA!!

NOTE: The Effective Sunspot Number for 01 MAY 94 was 32.0.  
 The Full Kp Indices for 01 MAY 94 are: 1o 2o 4o 4- 5- 5- 5+ 6o  
 The 3-Hr Ap Indices for 01 MAY 94 are: 4 8 26 21 37 40 60 76  
 Greater than 2 MeV Electron Fluence for 02 MAY is: 2.3E+07

#### SYNOPSIS OF ACTIVITY

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Solar activity was very low. Very little activity occurred during the day, but the sun continues to generate numerous small centers of emerging flux. Regions 7713 (N07E26) and 7715 (N08W42) showed steady growth during the period. A new region number 7716 (N02W14) was assigned to newly emerging spots today.

Solar activity forecast: solar activity is expected to be low. Recent growth in 7713 suggests that there is a fair chance for an isolated C-class flare.

The geomagnetic field ranged from unsettled to major storm levels. Minor to major storm conditions dominated from 01/2100Z through about 02/1200Z. Conditions subsided to unsettled to active for the remainder of the day. The disturbance is probably the result of a favorably positioned coronal hole.

Geophysical activity forecast: the geomagnetic field is expected to be active at mid-latitudes and minor storm at high latitudes for the next 12-24 hours due to persistence. Conditions should transition to unsettled to active levels on the second and third days.

Event probabilities 03 may-05 may

Class M 01/01/01

Class X 01/01/01  
Proton 01/01/01  
PCAF Green

Geomagnetic activity probabilities 03 may-05 may

A. Middle Latitudes

Active 50/25/10  
Minor Storm 30/10/05  
Major-Severe Storm 05/05/05

B. High Latitudes

Active 35/25/10  
Minor Storm 30/10/05  
Major-Severe Storm 15/05/05

HF propagation conditions were below-normal from the high to the upper-middle latitude regions today. Geomagnetic and auroral substorming has resulted in poor to occasionally very poor propagation over the high latitudes and generally fair to occasionally poor propagation over affected middle latitude paths. Similar conditions are expected to persist over the next 24 to 48 hours before returning to less disturbed levels.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 02/2400Z MAY

-----  
NMBR LOCATION LO AREA Z LL NN MAG TYPE  
7712 S11W06 325 0010 CRO 03 004 BETA  
7713 N07E26 293 0040 CRO 05 012 BETA  
7714 S15E33 286 0010 BX0 04 003 BETA  
7715 N08W42 001 0020 CRO 04 005 BETA  
7716 N02W14 333 0000 AXX 00 001 ALPHA  
7710 S16W81 040 PLAGE  
7711 S11W19 338 PLAGE

REGIONS DUE TO RETURN 03 MAY TO 05 MAY

NMBR LAT LO  
7700 N03 208

LISTING OF SOLAR ENERGETIC EVENTS FOR 02 MAY, 1994

-----  
BEGIN MAX END RGN LOC XRAY OP 245MHZ 10CM SWEEP  
NONE

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 02 MAY, 1994

-----  
 BEGIN            MAX            END            LOCATION    TYPE    SIZE    DUR    II IV  
 NO EVENTS OBSERVED

INFERRED CORONAL HOLES. LOCATIONS VALID AT 02/2400Z

-----  
                   ISOLATED HOLES AND POLAR EXTENSIONS  
           EAST    SOUTH   WEST    NORTH   CAR   TYPE   POL   AREA   OBSN  
 78    S60E53   S60E53   S38W12   S30E16   294   EXT   NEG   023   10830A  
 79    S40W14   S48W32   S40W52   S30W24   350   ISO   NEG   012   10830A  
 80    N46E20   N34E18   N36E04   N46E20   304   ISO   POS   002   10830A

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

-----  
   Date    Begin    Max    End    Xray   Op Region   Locn            2695 MHz   8800 MHz   15.4 GHz  
 -----    -----    -----    -----    -----    -----    -----    -----    -----  
 01 May: 1717   1720   1724   B1.2

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

-----  
                   C    M    X            S    1    2    3    4    Total    (%)  
                   --   --   --            --   --   --   --   --    ---    -----  
 Uncorrelated: 0    0    0            0    0    0    0    0    001    (100.0)

Total Events: 001 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

-----  
   Date    Begin    Max    End    Xray   Op Region   Locn            Sweeps/Optical Observations  
 -----    -----    -----    -----    -----    -----    -----    -----  
                   NO EVENTS OBSERVED.

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II           = Type II Sweep Frequency Event  
III          = Type III Sweep  
IV          = Type IV Sweep  
V           = Type V Sweep  
Continuum   = Continuum Radio Event  
Loop        = Loop Prominence System,  
Spray       = Limb Spray,  
Surge       = Bright Limb Surge,  
EPL         = Eruptive Prominence on the Limb.

\*\* End of Daily Report \*\*

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Date: Tue, 3 May 1994 03:27:34 GMT  
From: ihnp4.ucsd.edu!usc!cs.utexas.edu!swrinde!emory!cs.utk.edu!  
stc06r.CTD.ORN.L.GOV!fnnews.fnal.gov!att-in!cbnews!jeffj@network.ucsd.edu  
Subject: FD Logging Software.  
To: info-hams@ucsd.edu

In article <CSLE87-020594164805@145.1.114.19> CSLE87 (Karl Beckman) writes:  
>In article <29APR199413412917@elroy.uh.edu>, st3qi@elroy.uh.edu (Brad  
>Killebrew N5LJV) wrote:  
>  
>> I am looking for field day logging software that runs on an XT machine.  
>> I have KB0ZP Logger, but doesn't want to seem to work. Any suggestions?  
>> BTW, it runs fine on my PC-AT machine.  
>>  
>> -Brad Killebrew N5LJV  
>> -st3qi@jetson.uh.edu  
>> -President, Univ of Houston ARC

Last field day our club used FD logging software that I got off the  
ARRL BBS. It worked really well and did a really good job for us. I  
don't remember the name of it but there is only a couple of FD packages  
on there.

Jeff

--

Jeff Jones AB6MB                   | Vote out those who voted for the North American  
jeffj@seeker.mystic.com        | Free Trade Agreement!



Infolinc BBS 510-778-5929 |

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Date: Mon, 2 May 1994 23:36:49 GMT  
From: ihnp4.ucsd.edu!swrinde!gatech!howland.reston.ans.net!EU.net!sunic!  
trane.uninett.no!nac.no!ifi.uio.no!wabbit.cc.uow.edu.au!metro!ipso!  
rwc@network.ucsd.edu  
Subject: IPS Daily Report - 02 May 94  
To: info-hams@ucsd.edu

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT  
ISSUED AT 2/2330Z MAY 1994 BY IPS RADIO AND SPACE SERVICES  
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.  
SUMMARY FOR 2 MAY AND FORECAST UP TO 5 MAY

IPS Warning 12 was issued on 26 April and is still current.  
-----

#### 1A. SOLAR SUMMARY

Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 076/014

#### 1B. SOLAR FORECAST

	03 May	04 May	05 May
Activity	Very low	Very low	Very low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number : 080/020

#### 1C. SOLAR COMMENT

None.  
-----

#### 2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: unsettled to minor storm.

Estimated Indices :	A	K	Observed A Index 1 May
Learmonth	23	4443 3335	
Fredericksburg	30		25
Planetary	40		34

Observed Kp for 1 May: 1244 5556

## 2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
03 May	35	Active to minor storm.
04 May	25	Unsettled to active.
05 May	20	Unsettled to active.

## 2C. MAGNETIC COMMENT

Coronal hole induced activity, which was 2 days delayed as expected, currently in progress.

## 3A. GLOBAL HF PROPAGATION SUMMARY

DATE	LATITUDE BAND		
	LOW	MIDDLE	HIGH
02 May	normal	normal-fair	poor-fair

PCA Event : None.

## 3B. GLOBAL HF PROPAGATION FORECAST

DATE	LATITUDE BAND		
	LOW	MIDDLE	HIGH
03 May	normal	normal-fair	poor-fair
04 May	normal	normal-fair	poor-fair
05 May	normal	normal	fair

## 3C. GLOBAL HF PROPAGATION COMMENT

NONE.

## 4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

MUFs at Sydney were 15-30% depressed. Strong spread F was observed during local night, with blanketing sporadic E conditions 11-12 and 14UT.

Observed T index for 02 May: -5

Predicted Monthly T Index for May is 30.

## 4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
03 May	10	About 15% below predicted monthly values.
04 May	20	About 15% below predicted monthly values/near normal.
05 May	25	About 15% below predicted monthly values/near normal.

## 4C. AUSTRALIAN REGION COMMENT

Further degraded HF comms conditions expected today, with conditions improving on day 2.

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|IPS Radio and Space Services  
|PO Box 5606  
|West Chatswood NSW 2057  
|AUSTRALIA

[illegible]

In article <Cp8EKI.2Ju@ra.nrl.navy.mil>,  
David Drumheller <drumhell@claudette.nrl.navy.mil> wrote:  
> I've noticed that the recent amateur radio licenses come in two parts:  
> the traditional wallet document, and one that can be framed to be hung in  
> the shack. I was last issued a license in 1990 that was printed with an  
> impact printer, and it's a little hard to read. It appears that the new  
> licenses are laser printed.  
>

> Question: Can I ask the FCC for the new license? I'd like to get the  
>part you can frame. (Somehow I feel the answer is going to be 'no.')

>

>-Dave

They are nice, aren't they? The answer is, it can be done. All you need to do, is submit a form 610, and request a duplicate. My wife lost her's, and it came in the mail in about 4 weeks.

73 de Bob, N8MMR

--

=====

==	Bob Wiley, N8MMR	Internet: <a href="mailto:rwiley@magnus.acs.ohio-state.edu">rwiley@magnus.acs.ohio-state.edu</a>	==
==	P.O. Box 3164	Amateur Radio Packet: N8MMR@W8CQK.OH.USA.NA	==
==	Columbus, Ohio 43210		==

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Date: 3 May 94 18:42:54 GMT  
From: [agate!howland.reston.ans.net!cs.utexas.edu!convex!news.duke.edu!eff!news.kei.com!yeshua.marcam.com!zip.eecs.umich.edu!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!unixg.ubc.ca!news.mic.@](mailto:agate!howland.reston.ans.net!cs.utexas.edu!convex!news.duke.edu!eff!news.kei.com!yeshua.marcam.com!zip.eecs.umich.edu!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!unixg.ubc.ca!news.mic.@)  
Subject: New FCC amateur radio licenses  
To: [info-hams@ucsd.edu](mailto:info-hams@ucsd.edu)

If I'm not mistaken, if you simply send in the form 610 to renew your license (which is free) they will send you the new format, even if 10 years isn't up. Or a change of address, for that matter.

73

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[rogjd@netcom.com](mailto:rogjd@netcom.com)  
Glendale, CA  
AB6WR

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Date: Mon, 2 May 1994 11:01:37 -0600  
From: [ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!alberta!ve6mgs!usenet@network.ucsd.edu](mailto:ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!alberta!ve6mgs!usenet@network.ucsd.edu)  
Subject: RAC SPECIAL NEWS BULLETIN  
To: [info-hams@ucsd.edu](mailto:info-hams@ucsd.edu)

RAC SPECIAL NEWS BULLETIN INTERNET EDITION - 1 MAY 1994  
Issued at RAC Administrative Office  
P.O. Box 356  
Kingston, ON, K7L 4W2

Editor: Cam Inglis <INGLISC@GTM-INC.COM>  
Internet Editor/Transmission: Steve Cutway VE3GRS <CUTWAYS@QUCDN.QUEENSU.CA>

#### PIRATE USING RAC HEADQUARTERS CALL SIGN

Industry Canada has been notified of a pirate station operating on Packet Radio using RAC's new Headquarters station call-sign "VA3RAC". An "anonymous" packet message originating out of a Georgetown Ontario BBS discredited and attacked members of RAC's national executive.

Canadian amateurs are advised that VA3RAC messages or news bulletins originate out of the Kingston Ontario BBS "VE3CDY" only. Officials are seeking information leading to the identity of the persons illegally using the VA3RAC "pirated" call-sign. RAC legal counsel is examining abusive Packet messages used to defame individuals. Legal action is contemplated.

73 de VA3RAC Steve VE3GRS at the keyboard <CUTWAYS@QUCDN.QUEENSU.CA>

Steve Cutway VE3GRS Information Access Specialist (Non-Visual Technologies)  
Computing and Communications Services  
Queen's University, Kingston, Ontario, Canada K7L 3N6  
PHONE: (613) 545-6354 EMAIL: <CUTWAYS@QUCDN.QueensU.CA>

-----  
Date: 3 May 1994 00:28:25 GMT  
From: ihnp4.ucsd.edu!galaxy.ucr.edu!library.ucla.edu!csulb.edu!nic-nac.CSU.net!  
channel.ecst.csuchico.edu!kirk@network.ucsd.edu  
Subject: Radio Mods via FTP  
To: info-hams@ucsd.edu

Hello, I am looking for some Amateur Radio mod files that I can get via FTP. If you know of any, please let me know via E-mail. Thanks.

73s de KD6DZP, Paul  
kirk@bork.ecst.csuchico.edu

-----  
Date: Mon, 2 May 94 22:59:39 GMT  
From: ihnp4.ucsd.edu!swrinde!gatech!europa.eng.gtefsd.com!news.umbc.edu!eff!  
news.kei.com!ub!galileo.cc.rochester.edu!uhura.cc.rochester.edu!  
witr@network.ucsd.edu  
Subject: TV channel frequencies  
To: info-hams@ucsd.edu

Is there a document on-line that will give me a listing of the frequencies of all the US TV channels (over-the-air, cable and UHF)?:

e.g.: Channel 2 = 54-60 MHz.  
Cable "A" = 120-126  
UHF 21 = 512-518

A referral to a book or magazine would be almost as good.

Thanx!

Bob Witriol  
witr@uhura.cc.rochester.edu

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Date: Tue, 3 May 1994 06:30:48 GMT  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!torn!nott!cunews!  
freenet.carleton.ca!FreeNet.Carleton.CA!as041@network.ucsd.edu  
Subject: Vertical Antenna Recommendations?  
To: info-hams@ucsd.edu

In a previous article, t1terryb@cascade.ens.tek.com (Terry Burge) says:

>One thing I have noted, any vertical you listed and I have seen advertized  
>is extremely short and inefficient on 80/160 meters because the feedpoint  
>resistance is like 1-10 ohms and the reactance is 300-1000 ohms. Hard to  
>get the antenna current up and to radiate. Check out the book.

>

Because of space limitations I use a ground-mounted 12AVQ (20, 15 and 10m)  
and while it gets out fine and hears reasonably well on those bands, even  
though I can get it look good to the transceiver with a transmatch, it  
will not radiate more than a dozen or so miles on 40 and 80.

Cheers and 73,  
Rob

--

Robin Ludlow, VE3YE  
Orleans, Ontario, Canada  
as041@freenet.carleton.ca

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End of Info-Hams Digest V94 #483

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